

FIG. 2(a)

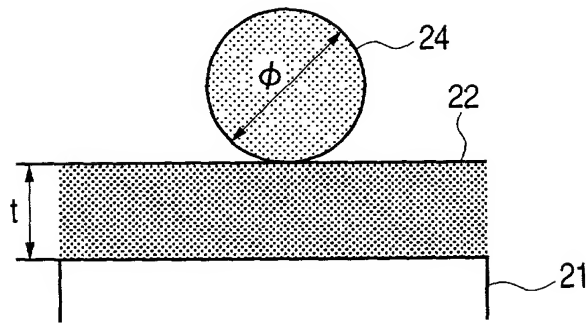
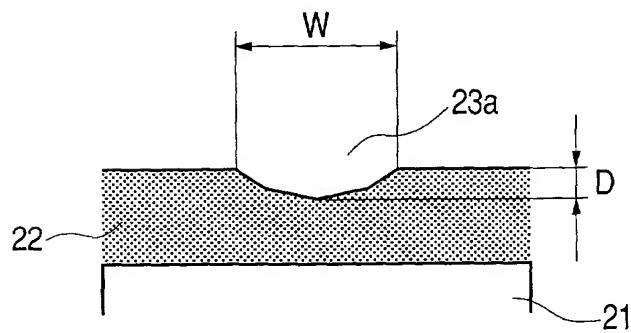


FIG. 2(b)



10050776.01802

FIG. 3(a)

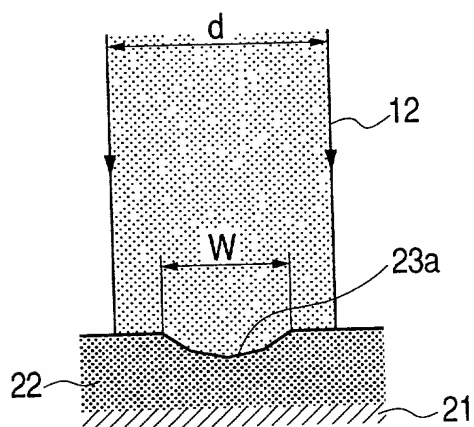


FIG. 3(b)

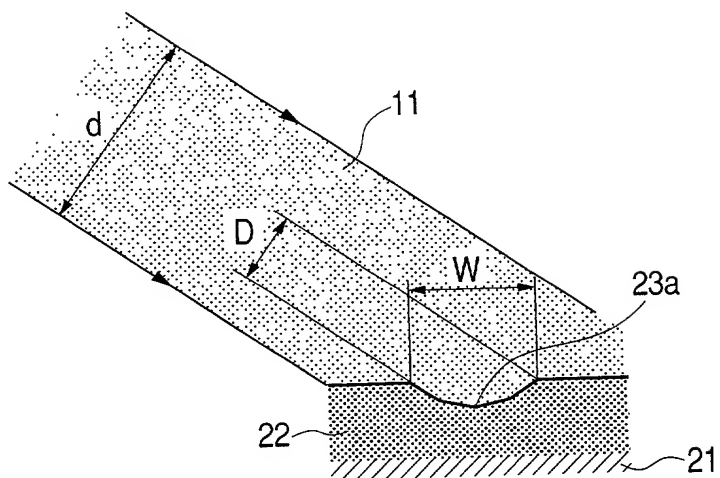


FIG. 3(c)

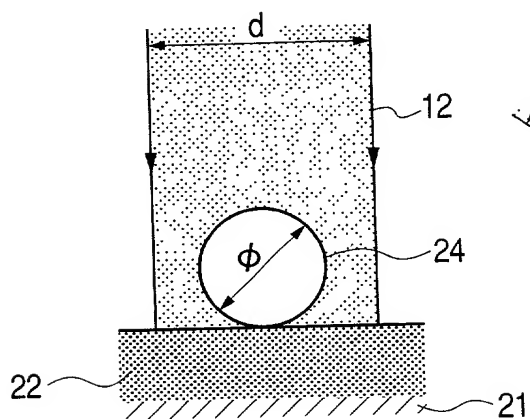


FIG. 3(d)

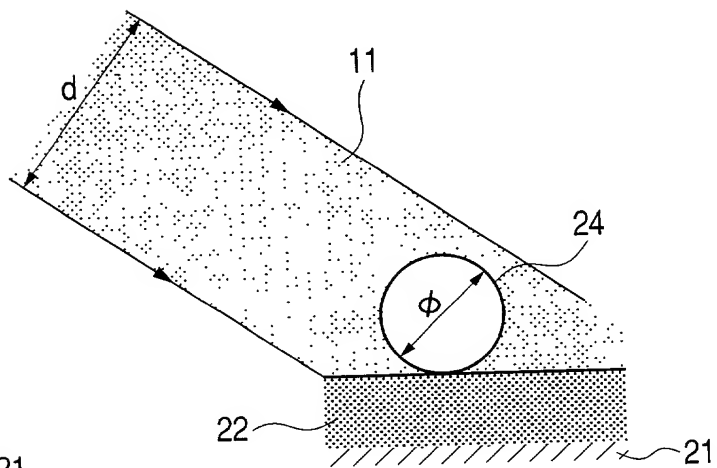


FIG. 4

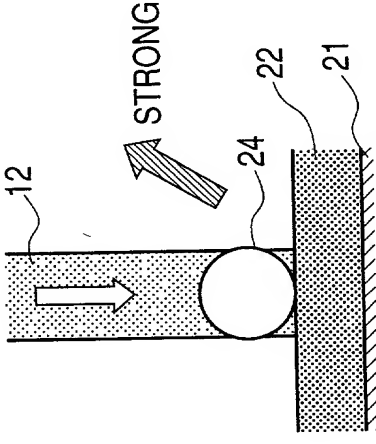
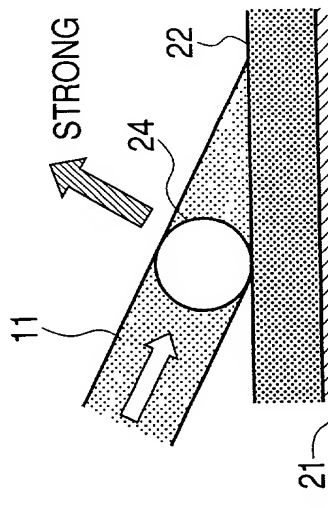
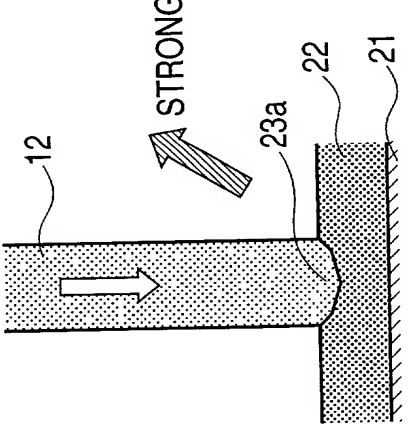
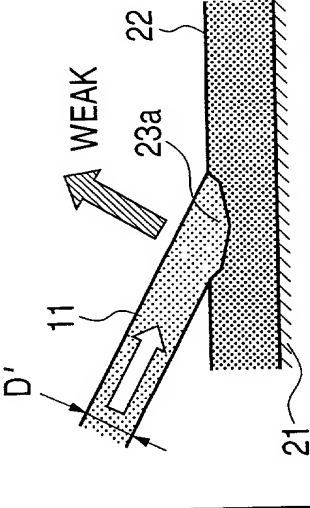
	INCIDENT ILLUMINATION	SLANTING ILLUMINATION
FOREIGN MATERIAL	 <p>A vertical rectangular block labeled 12 is positioned on a horizontal surface labeled 21. A circular feature labeled 24 is on the top surface of block 12. An arrow labeled 12 points vertically downwards towards block 24. A hatched arrow labeled 'STRONG' points upwards and to the right, away from block 24.</p>	 <p>A rectangular block labeled 11 is tilted at an angle on a horizontal surface labeled 21. A circular feature labeled 24 is on the top surface of block 11. An arrow labeled 11 points vertically downwards towards block 24. A hatched arrow labeled 'STRONG' points upwards and to the right, away from block 24.</p>
SCRATCH	 <p>A vertical rectangular block labeled 12 is positioned on a horizontal surface labeled 21. A circular feature labeled 23a is on the top surface of block 12. An arrow labeled 12 points vertically downwards towards block 23a. A hatched arrow labeled 'STRONG' points upwards and to the right, away from block 23a.</p>	 <p>A rectangular block labeled 11 is tilted at an angle on a horizontal surface labeled 21. A circular feature labeled 23a is on the top surface of block 11. An arrow labeled 11 points vertically downwards towards block 23a. A hatched arrow labeled 'WEAK' points upwards and to the right, away from block 23a. A dashed line labeled D' is shown near the top of block 11.</p>

FIG. 5

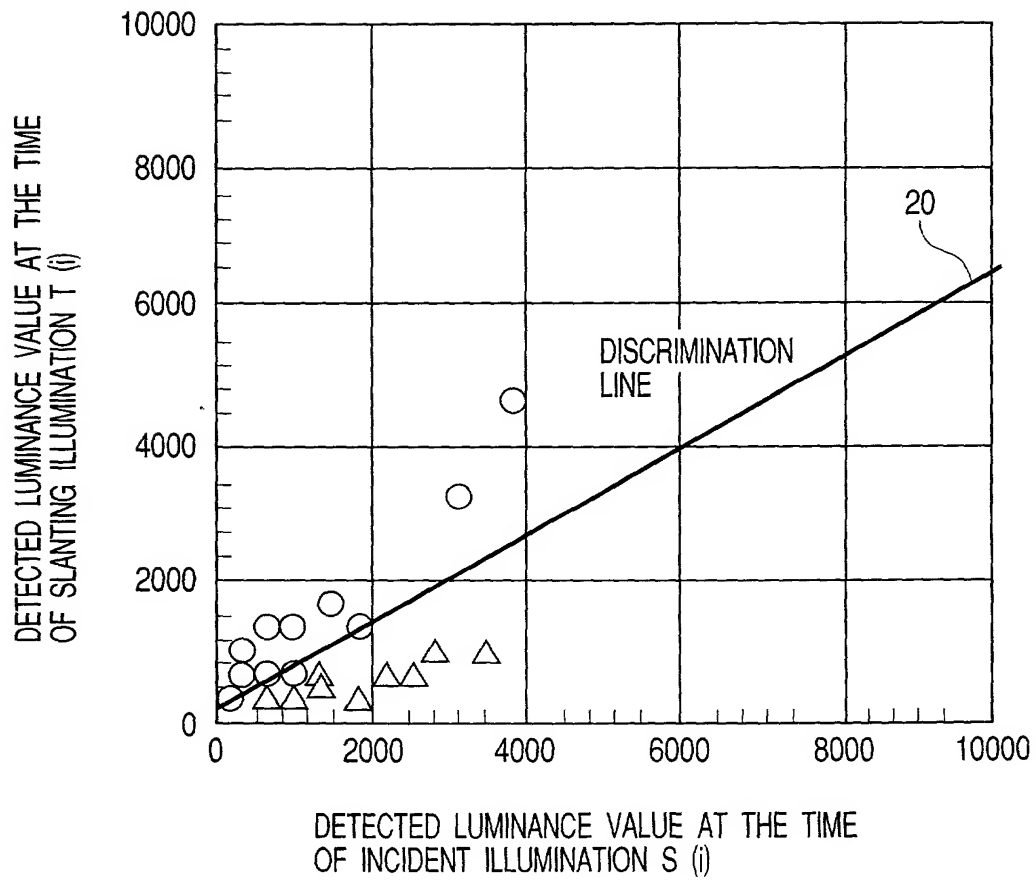


FIG. 6(a)

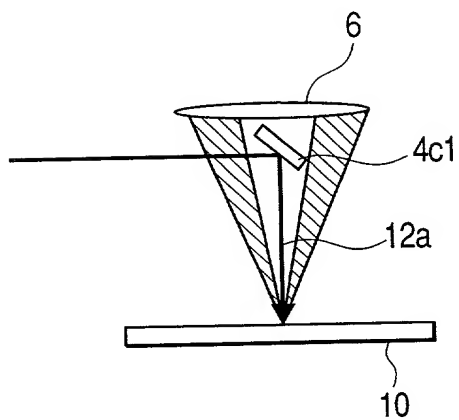


FIG. 6(b)

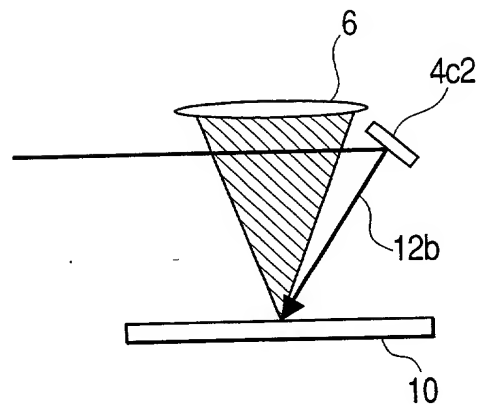


FIG. 6(c)

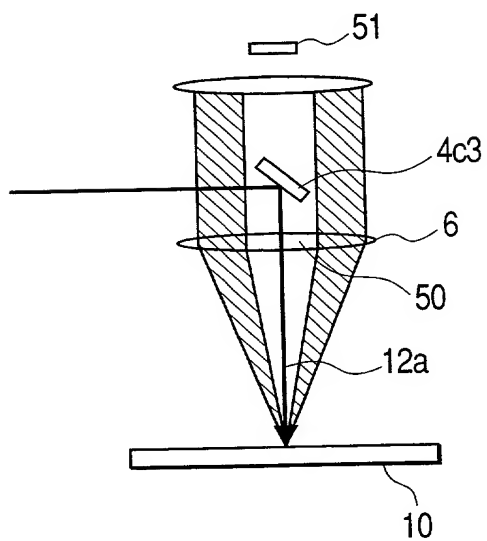


FIG. 6(d)

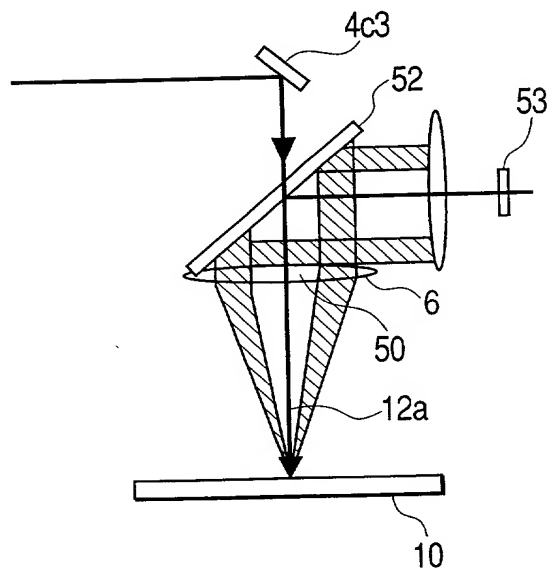


FIG. 7(a)

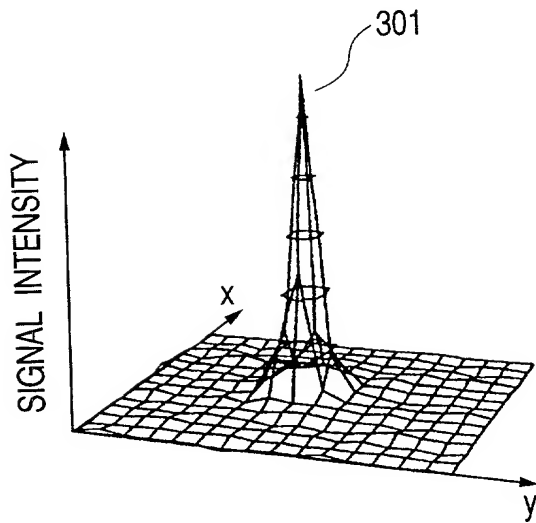


FIG. 7(b)

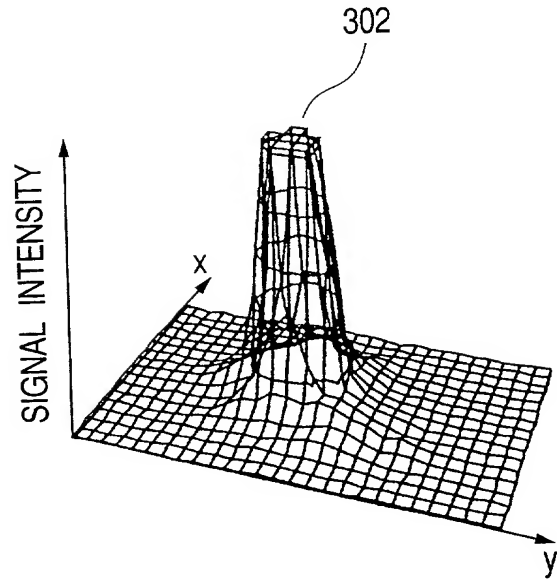


FIG. 7(c)

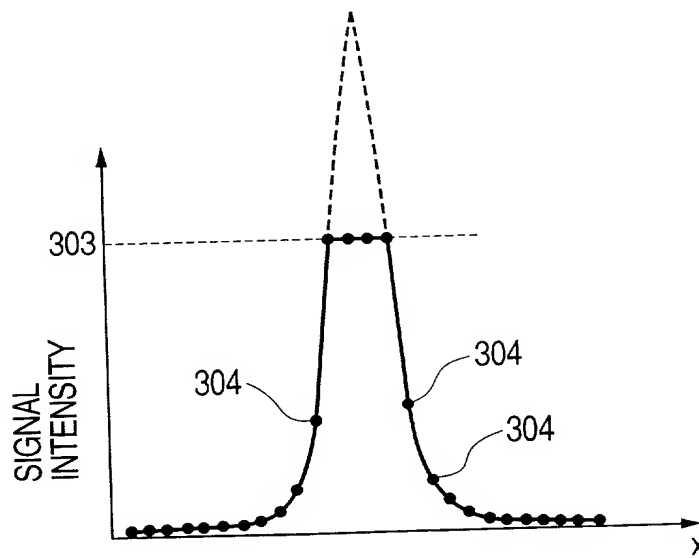


FIG. 8

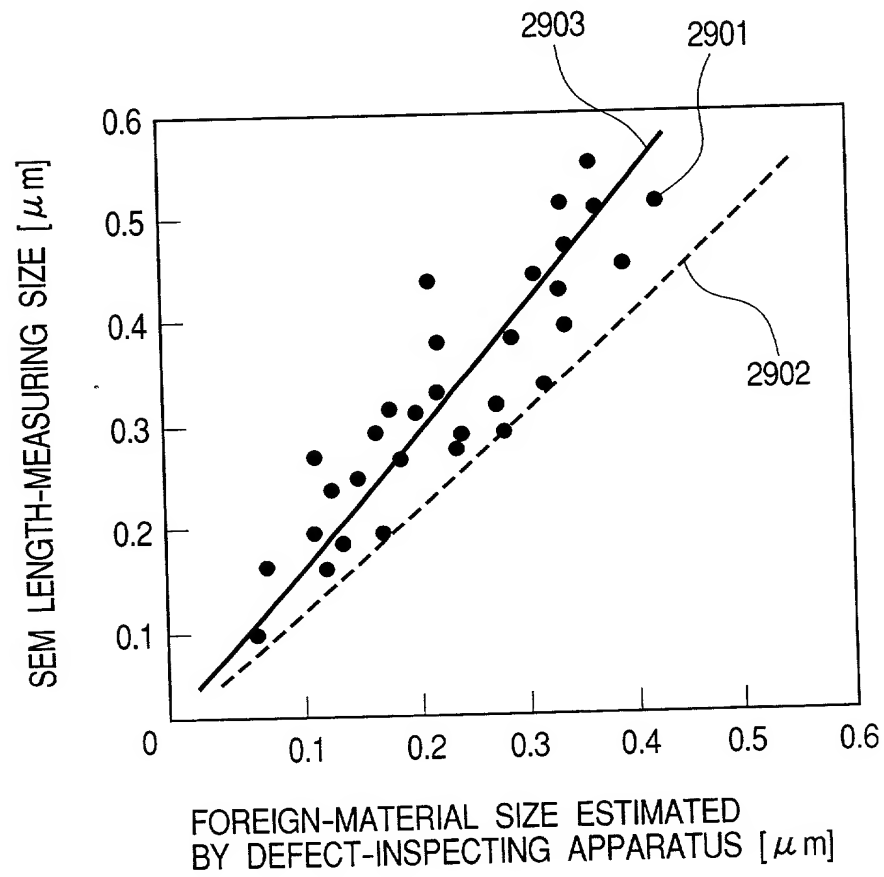


FIG. 9(a)

FRONT-END PROCESS WAFER

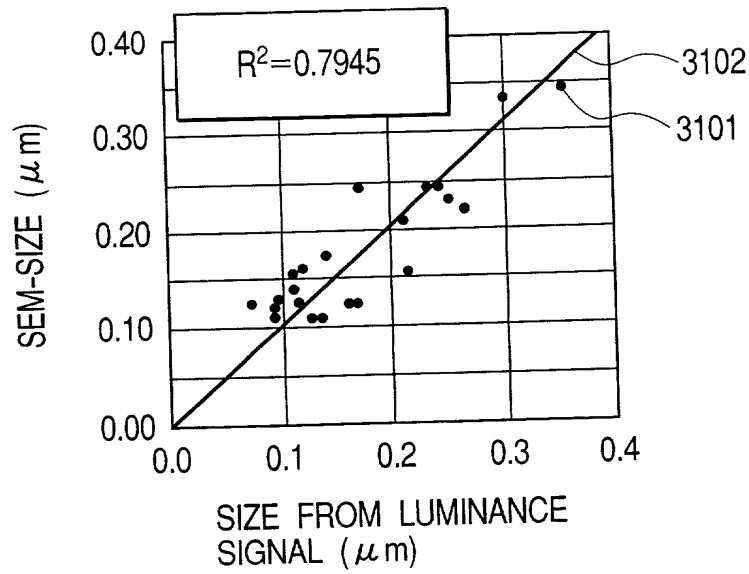


FIG. 9(b)

BACK-END PROCESS WAFER

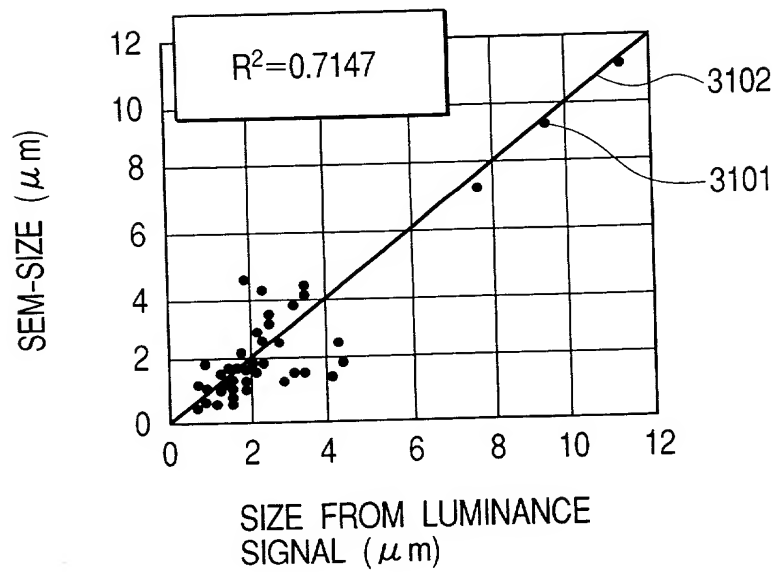


FIG. 10

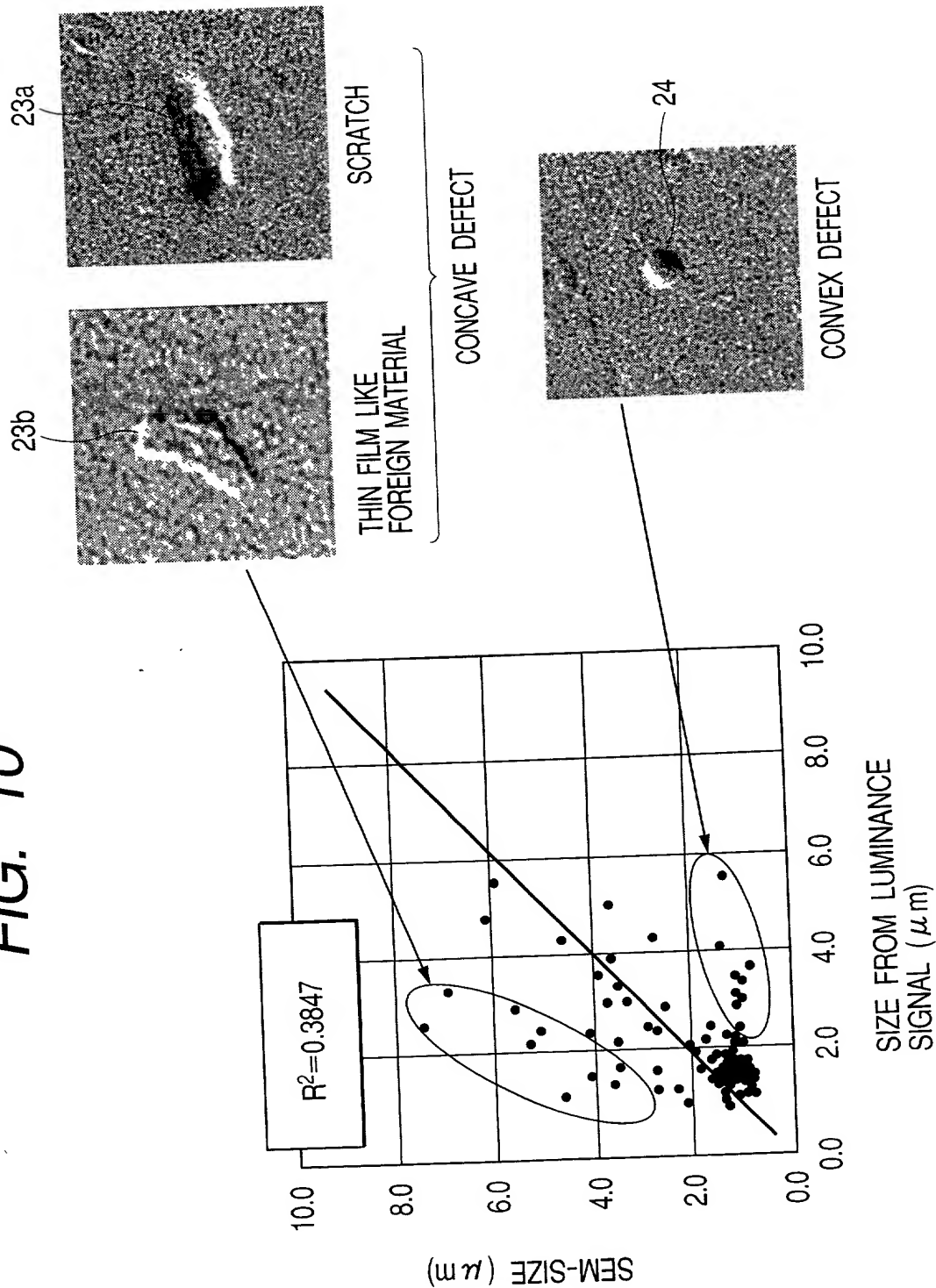


FIG. 11

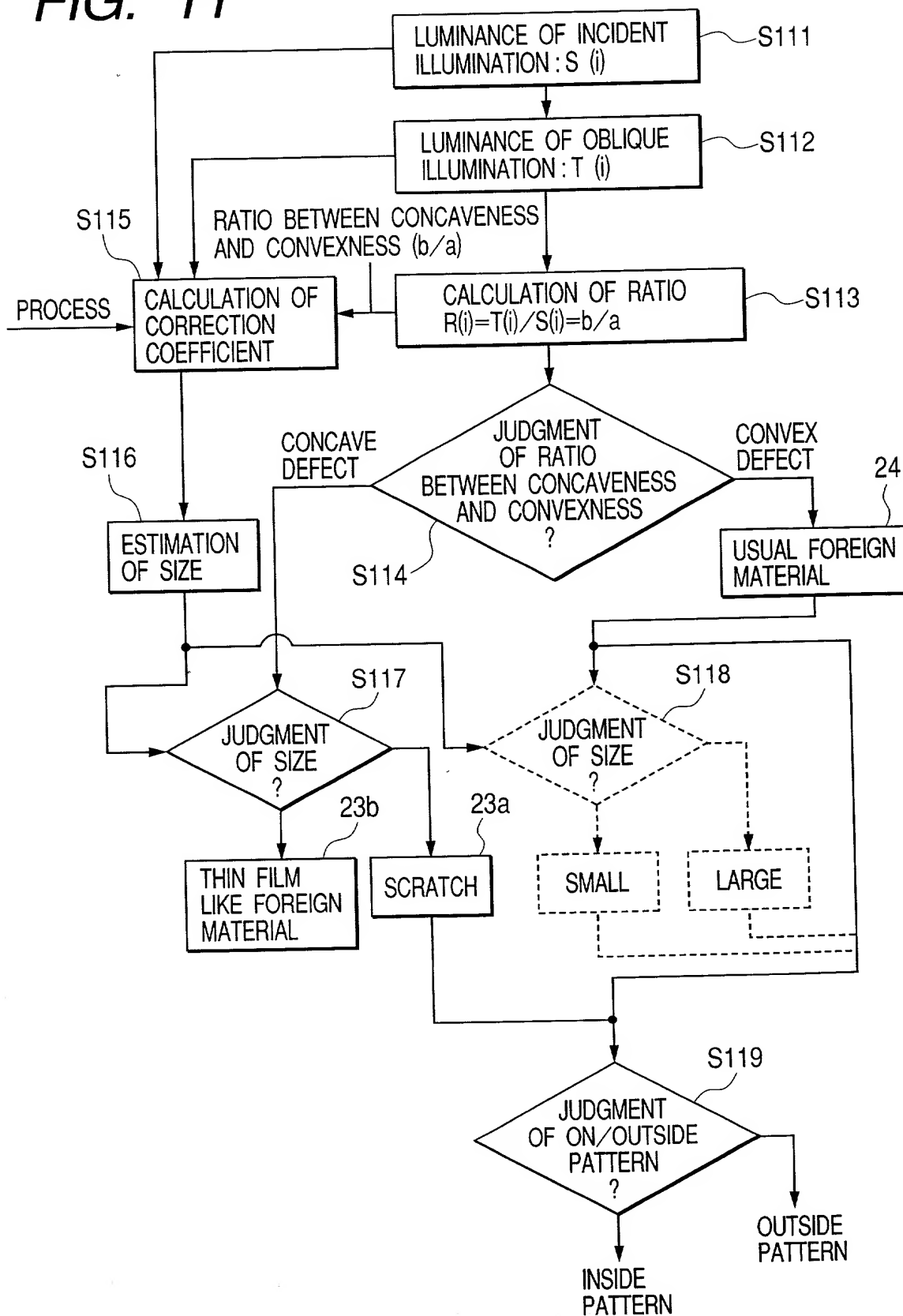


FIG. 12

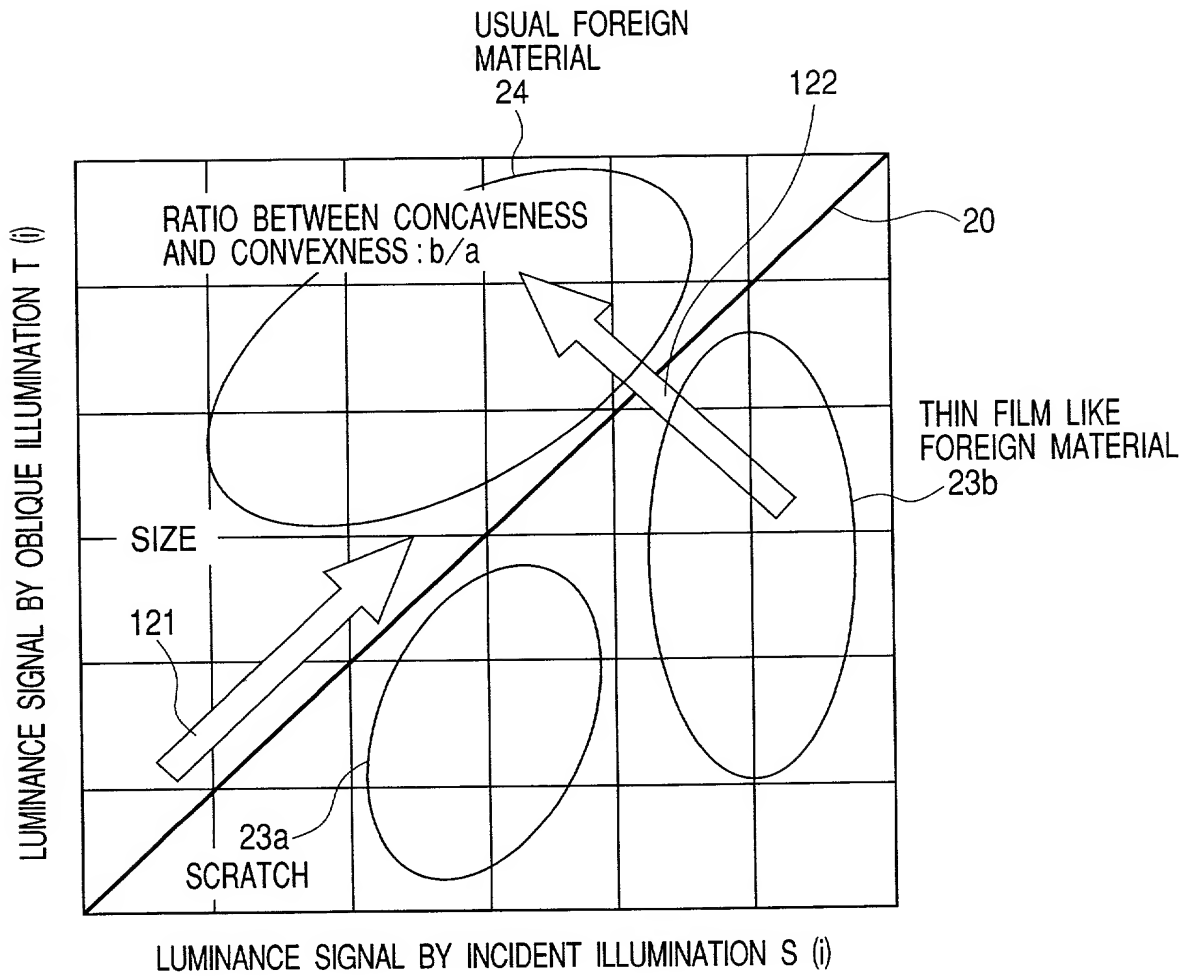


FIG. 13

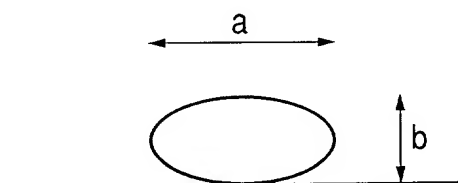


FIG. 14

SIZE	SMALL		LARGE
FOREIGN MATERIAL/ SCRATCH	FOREIGN MATERIAL	SCRATCH	—
ON PATTERN	CATEGORY 1	CATEGORY 3	CATEGORY 5
OUTSIDE PATTERN	CATEGORY 2	CATEGORY 4	

FIG. 15

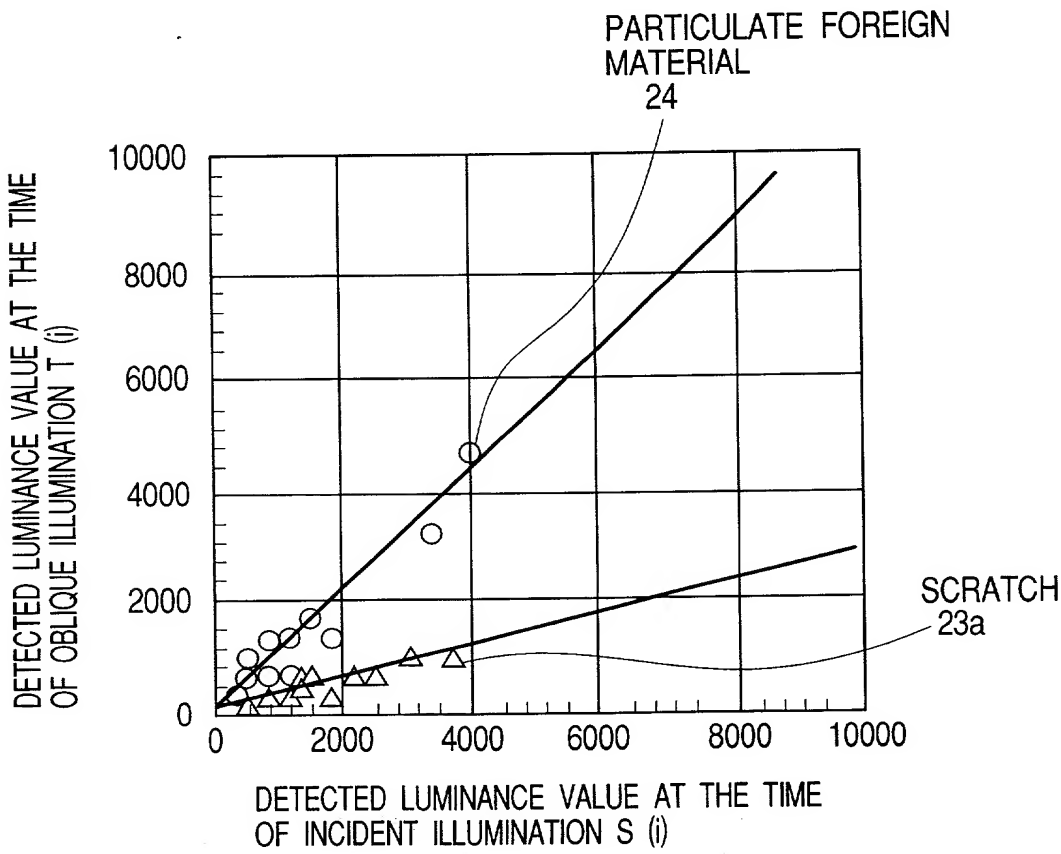


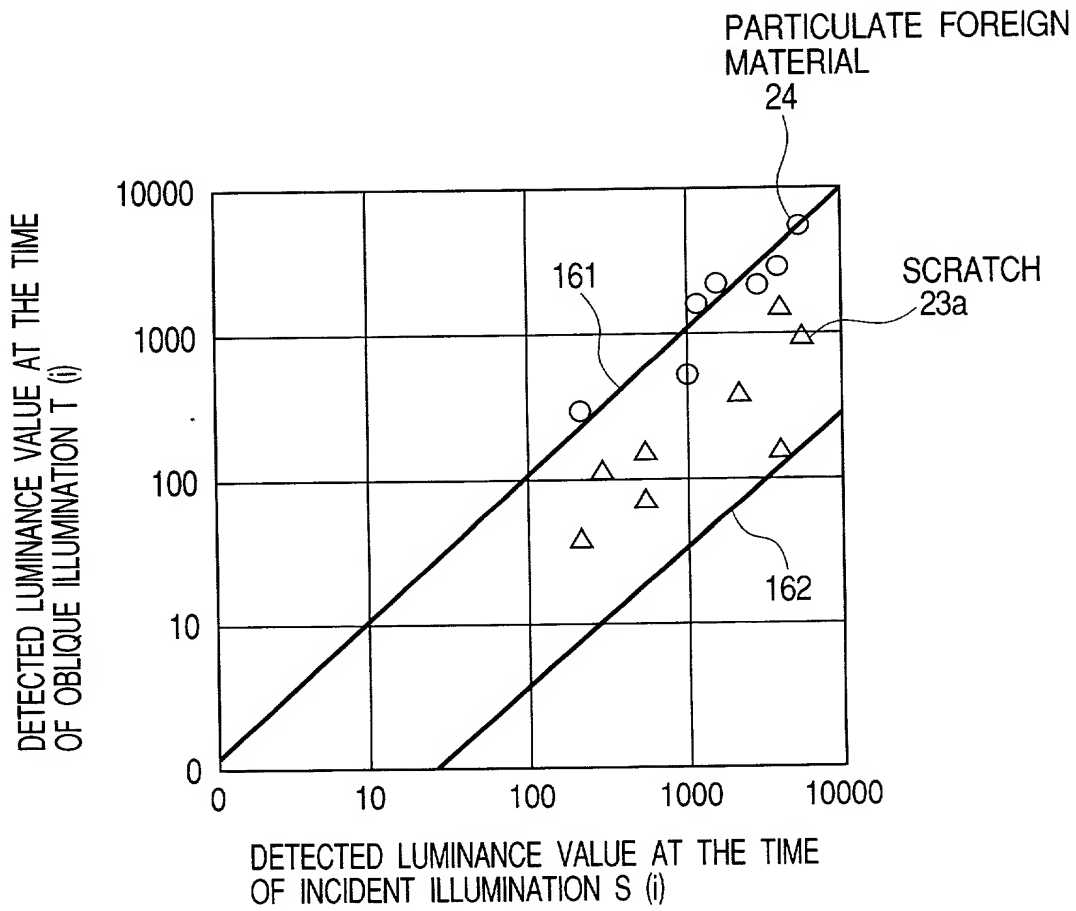
FIG. 16

FIG. 17(a)

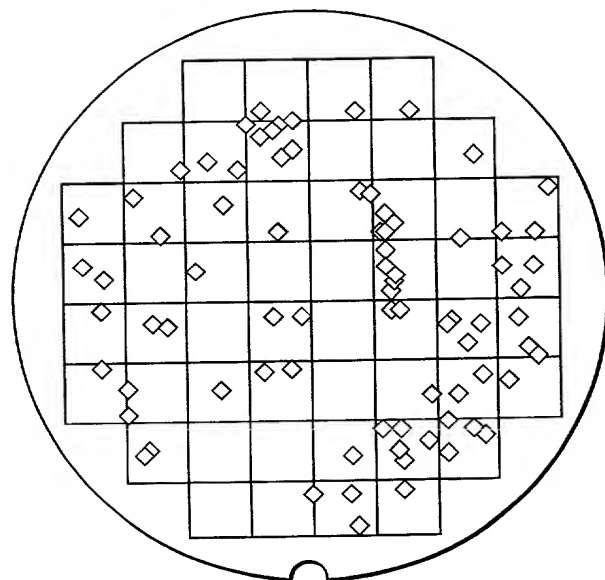


FIG. 17(b)

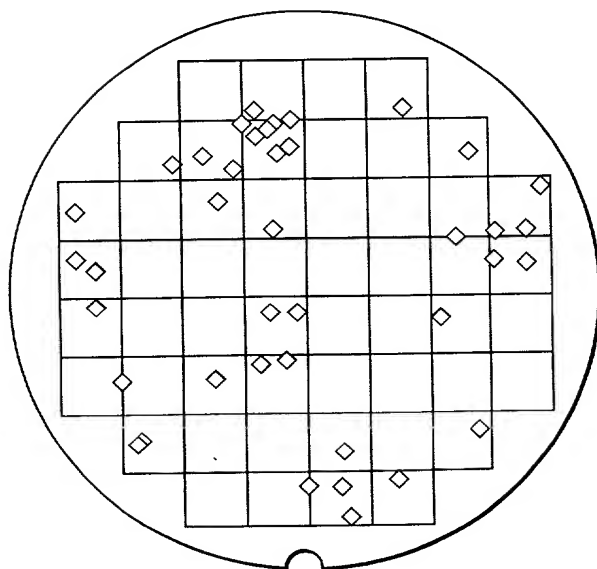


FIG. 17(c)

